

To: Creed, Jack[creed.jack@epa.gov]; Creed, Patricia[Creed.Patricia@epa.gov]
From: Morgan, Jeffrey
Sent: Mon 8/10/2015 6:13:57 PM
Subject: FW: Animas River

Looks like we're off the hook for now.

Jeffrey N. Morgan, Ph.D.

Chief, Chemical Exposure Research Branch

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From: Carroll, Gregory
Sent: Monday, August 10, 2015 2:10 PM
To: Morgan, Jeffrey; Behymer, Thomas
Cc: Garland, Jay
Subject: RE: Animas River

Thanks for the feedback. I'm told that R8 is working quickly to access commercial lab capacity through contracts. If I learn differently, I'll let you know and will explore the NRMRL option.

From: Morgan, Jeffrey
Sent: Monday, August 10, 2015 2:05 PM
To: Carroll, Gregory; Behymer, Thomas
Cc: Garland, Jay
Subject: RE: Animas River

Greg/Tom,

Deliberative Process/Ex. 5

Jeffrey N. Morgan, Ph.D.

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From: Carroll, Gregory
Sent: Monday, August 10, 2015 12:01 PM
To: Behymer, Thomas
Cc: Morgan, Jeffrey
Subject: RE: Animas River

Deliberative Process/Ex. 5

From: Behymer, Thomas
Sent: Monday, August 10, 2015 11:54 AM
To: Carroll, Gregory
Cc: Morgan, Jeffrey
Subject: RE: Animas River

Greg,

I have not been contacted by anyone at this point. I have copied Jeff Morgan to see if he knows anything and to respond about our capacity to help. Do you know what method they are referring to?

Tom

Thomas D. Behymer, Ph. D.
Deputy Division Director
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Tel: 513-569-7392

From: Carroll, Gregory
Sent: Monday, August 10, 2015 11:32 AM
To: Behymer, Thomas
Subject: FW: Animas River

Tom:

I'm guessing that you are aware of this mine-waste spill in CO and thinking that you may have already been contacted about lab capacity for metals analyses. Are any of your labs in a position to analyze samples?

(This isn't an official request – just me doing some fact-finding. It may be that the other Regional labs [i.e., beyond R8] are in a better position to help.)

Greg

From: Grevatt, Peter
Sent: Monday, August 10, 2015 11:23 AM
To: Corr, Elizabeth; Bergman, Ronald
Cc: Greene, Ashley; Clark, Becki; Carroll, Gregory; Burneson, Eric; Travers, David
Subject: RE: Animas River

Thanks Elizabeth. Regarding the last item on lab capacity, is this something that the water laboratory alliance run out of WSD can assist with?

From: Corr, Elizabeth
Sent: Monday, August 10, 2015 11:21 AM
To: Grevatt, Peter; Bergman, Ronald
Cc: Greene, Ashley; Clark, Becki; Carroll, Gregory; Burneson, Eric
Subject: RE: Animas River

DWMAAPS can identify susceptible intakes based on 24 hour time of travel derived from mean flows. This information provides an unrefined snapshot that might be helpful at the beginning of an event; however, DWMAAPS is most useful as a planning tool for supporting and prioritizing prevention activities.

I spoke with Sarah Bahrman, who appreciates the offer of assistance; however, the Animas River spill is beyond a point where DWMAAPS would play a role. Region 8 is using actual flows from USGS stream gauges to estimate how quickly the plume is moving. They've also used a plane to assist in monitoring the plume. The Region is more challenged now than it was a few days ago to track the leading edge since the discoloration has dissipated and in-stream PH has returned to normal ranges as the contaminants settle.

Region 8 has pulled together a detailed sampling plan, including sampling around intakes. Regions 6 (NM) and 9 (Navajo Nation) are also engaged and have people on the ground to support systems on the waterway, including assistance with ensuring the availability of back-up supplies. All three Regions have been working with water systems to shut down intakes.

A growing challenge that the Regions face is lab capacity for metals testing, compounded by the lag time involved in running the method and then validating

and interpreting results. Region 8 is working to get more contract labs set up. OGWDW doesn't have this analytic capability (spoke with Greg Carroll). I've got a call in to Sarah to find out whether out-of-Region capacity would be useful. If yes, Greg will look into whether ORD/Cincinnati can run the method.